

Rabbit anti-Human, Pig Aminoadipate Aminotransferase Polyclonal Antibody | anti-AADAT antibody

Polyclonal Antibody to Aminoadipate Aminotransferase (AADAT)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145774	Rabbit	Human, Pig	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Aminoadipate Aminotransferase; Polyclonal Antibody; Polyclonal Antibody to Aminoadipate Aminotransferase (AADAT); KATII; KAT2; Kynurenine Aminotransferase II; L Kynurenine/Alpha Aminoadipate Aminotransferase; Kynurenine aminotransferase II; anti-AADAT antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against AADAT. It has been selected for its ability to recognize AADAT in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	238
Applicable Applications for anti-AADAT antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	AADAT (Asn202~Ser425)
Conjugate	No Conjugate
Cross Reactivity	Human
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant AADAT (Asn202~Ser425) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemiluminescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin- embedded liver tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	557878723
NCBI GeneID	51166
NCBI Accession #	NP_001273611.1
NCBI GenBank Nucleotide #	NM_001286682.1
UniProt Accession #	Q8N5Z0; Q9UL02; B3KP84
Molecular Weight	47,822 Da
NCBI Official Full Name	kynurenine/alpha-aminoadipate aminotransferase, mitochondrial isoform a
NCBI Official Synonym Full Names	aminoadipate aminotransferase
NCBI Official Symbol	AADAT
NCBI Official Synonym Symbols	KAT2; KATII; KYAT2
NCBI Protein Information	kynurenine/alpha-aminoadipate aminotransferase, mitochondrial
UniProt Protein Name	Kynurenine/alpha-aminoadipate aminotransferase, mitochondrial
UniProt Gene Name	AADAT
UniProt Synonym Gene Names	KAT2; KAT/AadAT; AadAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.